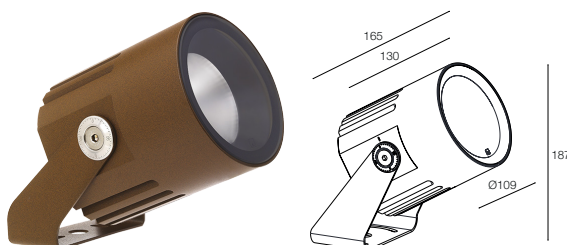




## Kleo 1.0

Projectors / Proiettori



### Kleo 1.0

#### DESCRIPTION

Projector for outdoor applications; surface mounted (ceiling, wall, ground, spike); body in aluminium, screen in serigraphed, tempered, transparent extra-clear glass; finishes: anthracite, white RAL 9003, cor-ten, grey RAL 9006; 1 COB LED; 10W - 230Vac; built in power supply unit; includes 1,5 m neoprene cable, H05RN-F 3x1,0 Ø7 mm; lumen output at source: 945 lm (3000K, CRI 80), 815 lm (3000K, CRI 90); total delivered lumens: 640 lm (3000K, 30°, CRI 80), 340 lm (3000K, 16° sharp, CRI 80), 544 lm (3000K, 30°, CRI 90), 289 lm (3000K, 16° sharp, CRI 90); optics: 16° sharp, 16°, 30°, 63°; LED colour: white - 2700K, 3000K, 4000K; CRI 80 and CRI 90 versions; ingress protection: IP66; impact resistance: IK07; equipped with IPS and SPD; operating temperature: -20°C+45°C; max luminaire temperature: 50°C (Ta 25°C); photobiological safety: risk group 1 in accordance with EN62471:2006; appliance class: I; weight 2,30 kg; dimensions Ø109x165x94,5 mm; accessories: honeycomb louvre, standard snoot, asymmetrical snoot, painted black light barn doors, spike for installation in the ground.

#### DESCRIZIONE

Proiettore da esterno; su superficie (soffitto, parete, pavimento, picchetto); corpo in alluminio, schermo in vetro extrachiaro temprato trasparente e serigrafato; finiture: antracite, bianco RAL 9003, cor-ten, grigio RAL 9006; 1 COB LED; 10W - 230Vac; alimentatore integrato; incluso cavo in neoprene di 1,5 m H05RN-F 3x1,0 Ø7 mm; flusso sorgente: 945 lm (3000K, CRI 80), 815 lm (3000K, CRI 90); flusso totale: 640 lm (3000K, 30°, CRI 80), 340 lm (3000K, 16° sharp, CRI 80), 544 lm (3000K, 30°, CRI 90), 289 lm (3000K, 16° sharp, CRI 90); ottiche: 16° sharp, 16°, 30°, 63°; colore LED: bianco - 2700K, 3000K, 4000K; versioni CRI 80 e CRI 90; grado di protezione: IP66; grado di resistenza: IK07; dotato di sistema IPS e SPD; temperatura di esercizio: -20°C+45°C; temperatura max apparecchio: 50°C (Ta 25°C); sicurezza fotobiologica: gruppo rischio 1 secondo EN62471:2006; classe di isolamento I; peso 2,30 kg; dimensioni Ø109x165x94,5 mm; accessori: nido d'ape, cannocchiale standard, cannocchiale asimmetrico, alette frangiluce, picchetto per installazione a terra.

## ELECTRICAL FEATURES / CARATTERISTICHE ELETTRICHE

|                                               |                                                 |
|-----------------------------------------------|-------------------------------------------------|
| Power consumption<br><i>Potenza assorbita</i> | 10W                                             |
| Power supply<br><i>Alimentazione</i>          | 230Vac                                          |
| Power supply unit<br><i>Alimentatore</i>      | built-in<br><i>integrato</i>                    |
| Dimming<br><i>Dimmerazione</i>                | dimming not available<br><i>non disponibile</i> |
| Connection<br><i>Collegamento</i>             | 230Vac                                          |

## LIGHTING FEATURES / CARATTERISTICHE ILLUMINOTECNICHE

|                                                            |                                                                                                                                         |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| No. and type of LED / <i>N° e tipo di LED</i>              | 1 Cob LED                                                                                                                               |
| Average LED life / <i>Duratura media LED</i>               | 80% after 50.000 h                                                                                                                      |
| LED colour<br><i>Colore LED</i>                            | white: 2700K, 3000K, 4000K<br><i>bianco: 2700K, 3000K, 4000K</i>                                                                        |
| CRI<br><i>Indice resa cromatica CRI</i>                    | ≥80; ≥90                                                                                                                                |
| Binning<br><i>Selezione</i>                                | 3 Step MacAdam                                                                                                                          |
| Optics<br><i>Ottiche</i>                                   | 16° sharp, 16°, 30°, 63°<br><i>16° sharp, 16°, 30°, 63°</i>                                                                             |
| Lumen output at source<br><i>Flusso sorgente</i>           | 945 lm (3000K, CRI 80),<br>815 lm (3000K, CRI 90)                                                                                       |
| Total delivered lumens<br><i>Flusso totale apparecchio</i> | 640 lm (3000K, 30°, CRI 80),<br>544 lm (3000K, 30°, CRI 90);<br>340 lm (3000K, 16° sharp, CRI 80),<br>289 lm (3000K, 16° sharp, CRI 90) |

## MECHANICAL FEATURES / CARATTERISTICHE MECCANICHE

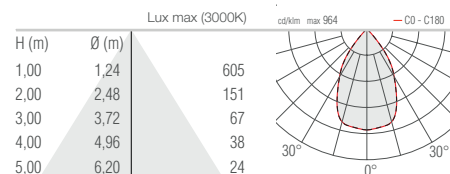
|                                             |                                                                                                                     |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Dimensions / <i>Dimensioni</i>              | Ø109x165x94,5 mm                                                                                                    |
| Weight / <i>Peso</i>                        | 2,30 kg                                                                                                             |
| Finishes<br><i>Finiture</i>                 | anthracite, white RAL 9003, cor-ten, grey RAL 9006<br><i>antracite, bianco RAL 9003, cor-ten, grigio RAL 9006</i>   |
| Installation<br><i>Fissaggio</i>            | with bracket, screws and plugs<br><i>con staffa, viti e tasselli</i>                                                |
| Body material<br><i>Materiale corpo</i>     | aluminium<br><i>alluminio</i>                                                                                       |
| Screen material<br><i>Materiale schermo</i> | serigraphed, tempered, transparent extra-clear glass<br><i>vetro extrachiaro temprato trasparente e serigrafato</i> |

## GENERAL FEATURES / CARATTERISTICHE GENERALI

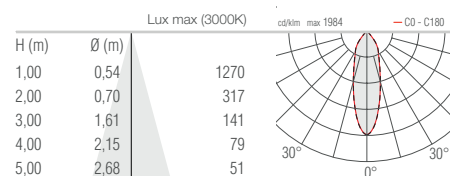
|                                                                 |                                                                                                                                          |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Operating temperature / <i>Temperatura di esercizio</i>         | from -20 °C to +45 °C                                                                                                                    |
| Ingress protection / <i>Grado di protezione</i>                 | IP66                                                                                                                                     |
| Impact resistance / <i>Grado di resistenza</i>                  | IK07                                                                                                                                     |
| Energy efficiency class<br><i>Classe di consumo energetico</i>  | A/A+/A++ (built-in LED lamps) in accordance with<br>EU 874/2012<br><i>A/A+/A++ (modulo LED integrato) in accordo con<br/>UE 874/2012</i> |
| Glow wire test / <i>Glow wire test</i>                          | 960°                                                                                                                                     |
| Max luminaire temperature<br><i>Temperatura max apparecchio</i> | 50°C (Ta 25°C)                                                                                                                           |
| Insulation class / <i>Classe isolamento</i>                     | class I / <i>classe I</i>                                                                                                                |
| Walkover / <i>Calpestabile</i>                                  | no                                                                                                                                       |
| Drive-over / <i>Carrabile</i>                                   | no                                                                                                                                       |
| Power cables<br><i>Cavi di alimentazione</i>                    | includes 1,5 m neoprene cable, H05RN-F 3x1,0 Ø7 mm<br><i>incluso cavo in neoprene di 1,5 m H05RN-F 3x1,0 Ø7 mm</i>                       |
| Standard safety<br><i>Sicurezza standard</i>                    | IPS built-in, SPD<br><i>IPS integrato, SPD</i>                                                                                           |
| Photobiological safety<br><i>Sicurezza fotobiologica</i>        | risk group 1 in accordance with EN62471:2006<br><i>gruppo rischio 1 secondo EN62471:2006</i>                                             |

PHOTOMETRIC DATA  
DATI FOTOMETRICI

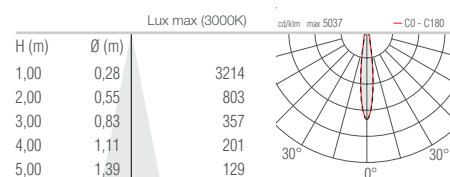
## L - 63°



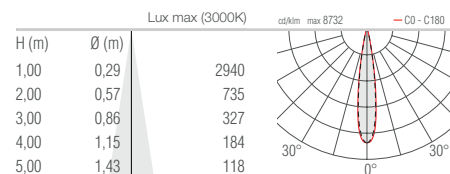
## M - 30°

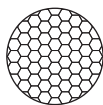


## S - 16°



## V - 16° Sharp



**Anti-glare / Antiabbagliamento****WH0505\***

Honeycomb louvre for optics / *Nido d'ape per ottiche*  
16°, 30°, 63°

\*Order together with the lighting fixture /  
*Da ordinare contestualmente all'apparecchio illuminante*



**WB1101E** - White / Bianco

**WB1101F** - Gray / Grigio

**WB1101H** - Anthracite / Antracite

**WB1101T** - Cor-ten

Standard snoot / *Cannocchiale standard*



**WB1102E** - White / Bianco

**WB1102F** - Gray / Grigio

**WB1102H** - Anthracite / Antracite

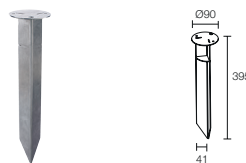
**WB1102T** - Cor-ten

Asymmetrical snoot / *Cannocchiale asimmetrico*



**WB1103N** - Black / Nero

Light barn doors / *Alette frangiluce*

**For installation / Per installazione****WP0300**

Picchetto per installazione a terra / *Spike for installation in the ground*

**Cables / Cavi**

**WF9005** - 5 m

Neoprene cables / *Cavi in neoprene*  
H05RN-F 3x1,0 Ø7 mm